

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/089531

INTERNATIONAL APPLICATION NO.
PCT/DE00/03293

INTERNATIONAL FILING DATE
21 September 2000

PRIORITY DATE CLAIMED
28 September 1999

TITLE OF INVENTION **Mehrwertiger Magnetoresistiver Schreib/Lese-Speicher
sowie Verfahren zum Beschreiben einer solchen Speichers**

APPLICANT(S) FOR DO/EO/US
Infineon Technologies AG

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☒ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☒ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☒ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A **FIRST** preliminary amendment.
14. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☐ Other items or information:

U.S. APPLICATION NO. 10/289531

INTERNATIONAL APPLICATION NO.

PCT/DE00/03293

ATTORNEY'S DOCKET NUMBER

32226.19

CALCULATIONS PTO USE ONLY

21. ☒ The following fees are submitted:**BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):**Neither international preliminary examination fee (37 CFR 1.482)
nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO
and International Search Report not prepared by the EPO or JPO \$1040.00International preliminary examination fee (37 CFR 1.482) not paid to
USPTO but International Search Report prepared by the EPO or JPO \$890.00International preliminary examination fee (37 CFR 1.482) not paid to USPTO
but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$740.00International preliminary examination fee (37 CFR 1.482) paid to USPTO
but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$710.00International preliminary examination fee (37 CFR 1.482) paid to USPTO
and all claims satisfied provisions of PCT Article 33(1)-(4) \$100.00**ENTER APPROPRIATE BASIC FEE AMOUNT =**

\$ 890

Surcharge of \$130.00 for furnishing the oath or declaration later than ☐ 20 ☒ 30
months from the earliest claimed priority date (37 CFR 1.492(e)).

\$ 130

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	17 - 20 =	0	x \$18.00
Independent claims	2 - 3 =	0	x \$84.00
			+ \$280.00

\$ 0

\$ 0

\$ 0

\$

MULTIPLE DEPENDENT CLAIM(S) (if applicable)

TOTAL OF ABOVE CALCULATIONS =

\$

☐ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above
are reduced by 1/2.

\$

SUBTOTAL =

\$

Processing fee of \$130.00 for furnishing the English translation later than ☐ 20 ☐ 30
months from the earliest claimed priority date (37 CFR 1.492(f)).

\$

TOTAL NATIONAL FEE =

\$1,020

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +

\$

TOTAL FEES ENCLOSED =

\$1,020

Amount to be
refunded:

\$

charged:

\$

- a. ☒ A check in the amount of \$ 1,020 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any
overpayment to Deposit Account No. 02-3732A A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card
information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR
1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Express Mail Mailing Label No.

EI783886199US

Date of Deposit

3-27-02

I hereby certify that this paper or fee is being deposited with the
United States Postal Service "Express Mail Post Office to Addressee"
service under 37 CFR 1.10 on the date indicated above and is
addressed to the Commissioner of Patents and Trademarks,
Washington, D.C. 20231

(Typed or printed name of person mailing paper or fee)

(Signature of person mailing paper or fee)

SIGNATURE

Jeffrey R. Stone

NAME

47,976

REGISTRATION NUMBER

BRIGGS AND MORGAN

PROFESSIONAL ASSOCIATION

JC05 Rec'd PCT-TO 2002
2200 FIRST NATIONAL BANK BUILDING
332 MINNESOTA STREET
SAINT PAUL, MINNESOTA 55101
TELEPHONE (651) 223-6600
FACSIMILE (651) 223-6450

WRITER'S DIRECT DIAL

(651) 223-6441

WRITER'S E-MAIL

istone@briggs.com

"Express Mail" Mailing Label No. EI783886179US

3-21-02

Date of Deposit: _____
I hereby certify that this paper or fee is being deposited with the
United States Patent and Trademark Office "Express Mail Post Office to Addressee"
service under 35 U.S.C. § 371 on the date indicated above and is
addressed to the Commissioner of Patents and Trademarks,
Washington, D.C. 20231

Mary A. Florin

(Typed or printed name of person mailing paper or fee)

Mary A. Florin
(Signature of person mailing paper or fee)

March 27, 2002

VIA EXPRESS MAIL LABEL NO. EI783886179US

Box Patent Application
Commissioner for Patents
Washington, D.C. 20231

Re: **Applicant:** Infineon Technologies, AG
Inventors: Thewes, Roland
Schwarzl, Siegfried
Weber, Werner
English Title: Multivalue Magnetoresistive Read/Write Memory and
Method of Writing to and Reading from Such a
Memory
German Title: Mehrwertiger Magnetoresistiver Schreib/Lese-
Speicher sowie Verfahren zum Beschreiben eines
Solchen Speichers
U.S. National Filing Under 35 U.S.C. §371 of International Application No.
PCT/DE00/03293

Dear Sir:

Enclosed for filing please find the following:

1. Transmittal Letter to the United States Designated/Elected Office (DO/EO/US)
Concerning a Filing Under 35 U.S.C. 371;
2. Preliminary Amendment;
3. English translation;
4. PCT/RO/101 (PCT-Request as filed);
5. PCT/RO/105 (Not./Int. App. No. and filing date);
6. WO Publication No. 01/24190 A1;
7. PCT/IB/301 (Not./Receipt of record copy);
8. PCT/IB/304 (Not./submission of priority document);

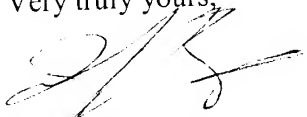
BRIGGS AND MORGAN

Box Patent Application
March 27, 2002
Page 2

9. PCT/IB/308 (Not./Designated Offices);
10. PCT/IB/332 (Not./Elected Offices);
11. PCT/ISA/202 (Not./Receipt of search copy);
12. PCT/ISA/220 (Not./International Search Report);
13. PCT/ISA/210 (International Search Report);
14. PCT/IPEA/401 (Chapter II Demand);
15. PCT/IPEA/402 (Not./Receipt of Demand);
16. PCT/IPEA/408 (Written Opinion);
17. PCT/IPEA/416, 409 (Not./Int. Prel. Exam. Report) (with attachments);
18. Our firm's check in the amount of \$1,020; and
19. A self-addressed stamped post card to return to us acknowledging receipt of the enclosed documents.

The Commissioner is hereby authorized to charge any deficiency in the payment of the required fees to Deposit Account No. 02-3732.

Very truly yours,



Jeffrey R. Stone

JRS/maf
Enclosures